

PATENT
Attorney Docket No.: 50623.00008

AMENDMENTS TO THE CLAIMS:

Replacement Claim Set:

- 1-6. (Canceled).
7. (Currently amended) ~~The radiation image conversion panel of Claim 6, wherein the~~A radiation image conversion panel comprising:
a phosphor sheet having a support and a stimuable phosphor layer on the support,
the stimuable phosphor layer containing a stimuable phosphor; and
a protective film covering the stimuable phosphor layer,
wherein a transmittance of the protective film for stimulating light to stimulate the
stimuable phosphor is not larger than 97%, a haze ratio of the protective film is
within the range of 5% to 60%, and a water vapor transmission rate of the
protective film is not more than 10 g/m² per day.
8. (Canceled).
9. (Currently amended) ~~The radiation image conversion panel of Claim 8;~~A
radiation image conversion panel comprising:
a phosphor sheet having a support and a stimuable phosphor layer on the support,
the stimuable phosphor layer containing a stimuable phosphor; and
a protective film covering the stimuable phosphor layer,
wherein a transmittance of the protective film for stimulating light to stimulate the
stimuable phosphor is not larger than 97% and a haze ratio of the protective film
is within the range of 5% to 60%, and wherein the protective film further

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~~comprises~~ includes a first resin layer ~~and~~, a second resin layer and ~~the~~
stimulating light absorbing layer ~~is provided~~ between the first resin layer and the
second resin layer.

10. (Canceled).

11. (Currently amended) ~~The radiation image conversion panel of Claim 1, A~~
radiation image conversion panel comprising:

a phosphor sheet having a support and a stimutable phosphor layer on the support,
the stimutable phosphor layer containing a stimutable phosphor; and

a protective film covering the stimutable phosphor layer,

wherein a transmittance of the protective film for stimulating light to stimulate the
stimulable phosphor is not larger than 97%, a haze ratio of the protective film is
within the range of 5% to 60%, and

wherein the protective film is provided independently from the stimutable
phosphor layer so as to cover the whole surface of the phosphor sheet and the
protective film has an outermost layer, which is in contact with the phosphor sheet,
and a surface roughness, which is an arithmetical mean roughness (Ra) defined by
JIS-B0601, of the outermost layer of the protective film is larger than a surface
roughness of the stimutable phosphor layer, wherein the surface roughness is
arithmetical means roughness (Ra) defined by JIS-B0601.

12. (Original) The radiation image conversion panel of Claim 11, wherein the surface
roughness of the outermost layer of the protective film is not more than 1.0 μm .

13. (Original) The radiation image conversion panel of Claim 11, wherein a water
vapor transmission rate of the protective film is not more than 50 g/m^2 per day.

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14. (Original) The radiation image conversion panel of Claim 13, wherein the water vapor transmission rate of the protective film is not more than 10 g/m² per day.
15. (Original) The radiation image conversion panel of Claim 11, wherein the outermost layer of the protective film comprises a thermo-welding resins on surface, which is in contact with the phosphor sheet.
16. (Canceled).
17. (New) The radiation image conversion panel of claim 7, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 50 percent.
18. (New) The radiation image conversion panel of claim 17, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 80 percent.
19. (New) The radiation image conversion panel of claim 7, wherein the haze ratio is within the range of 5% to 50%.
20. (New) The radiation image conversion panel of claim 19, wherein the haze ratio is within the range of 10% to 30%.
21. (New) The radiation image conversion panel of claim 9, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 50 percent.
22. (New) The radiation image conversion panel of claim 21, wherein the transmittance of the protective film for stimulating light is within a range of from 57 to 80 percent.

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23. (New) The radiation image conversion panel of claim 9, wherein the haze ratio is within the range of 5% to 50%.
24. (New) The radiation image conversion panel of claim 19, wherein the haze ratio is within the range of 10% to 30%.
25. (New) The radiation image conversion panel of claim 11, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 50 percent.
26. (New) The radiation image conversion panel of claim 25, wherein the transmittance of the protective film for stimulating light is within a range of from 97 to 80 percent.
27. (New) The radiation image conversion panel of claim 11, wherein the haze ratio is within the range of 5% to 50%.
28. (New) The radiation image conversion panel of claim 27, wherein the haze ratio is within the range of 10% to 30%.